

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039775.D
 Acq On : 25 Oct 2022 2:49
 Operator : SY/AP
 Sample : N5227-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CDL

Quant Time: Oct 25 15:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

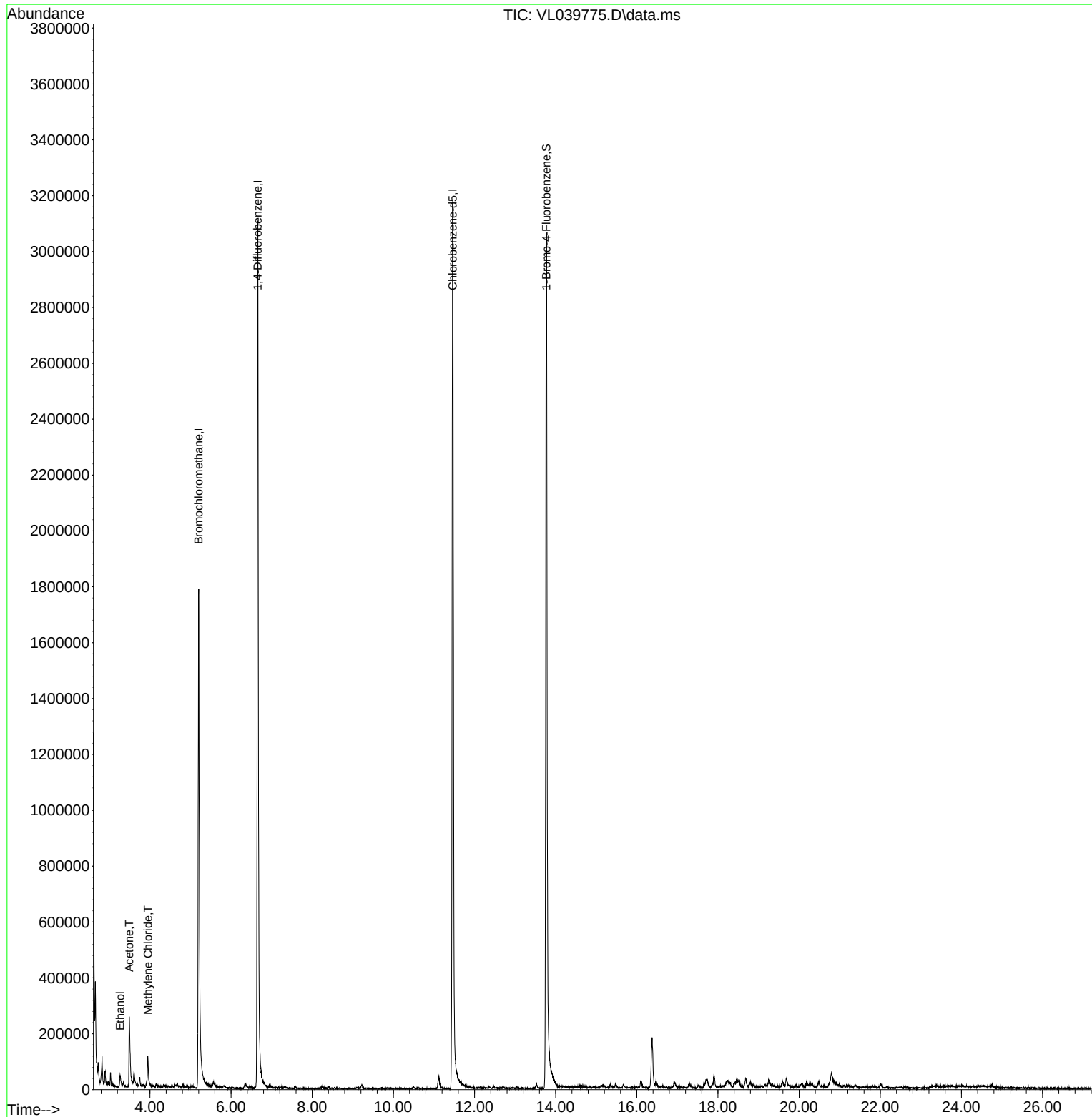
Internal Standards						
1) Bromochloromethane	5.202	49	978907	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2479751	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2130573	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1521495	10.039	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						
					Qvalue	
13) Ethanol	3.266	45	48322m	13.317	ppbv	
15) Acetone	3.491	43	316470	2.707	ppbv	95
20) Methylene Chloride	3.951	84	34096	0.766	ppbv #	86

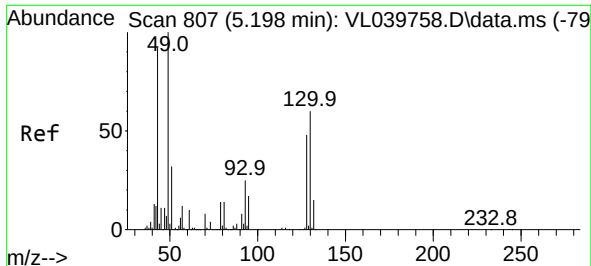
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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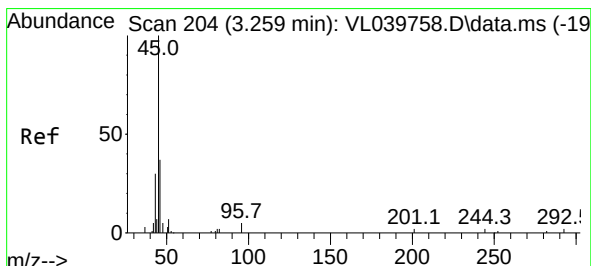
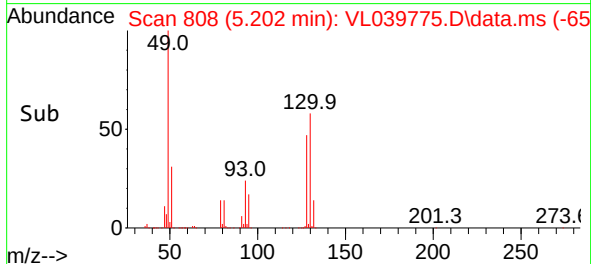
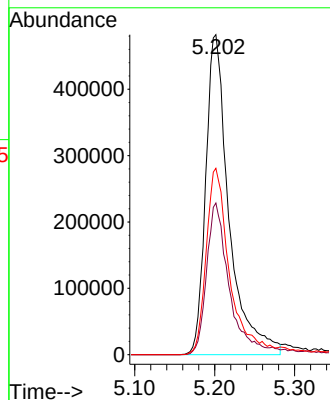
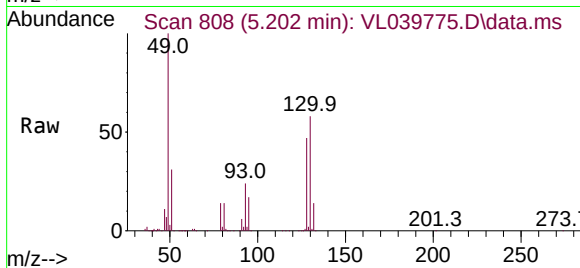




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039775.D
Acq: 25 Oct 2022 2:49

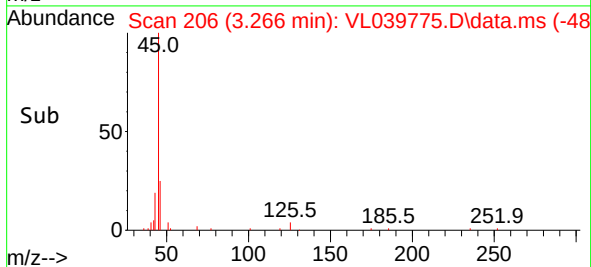
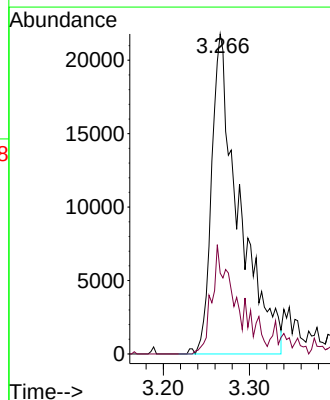
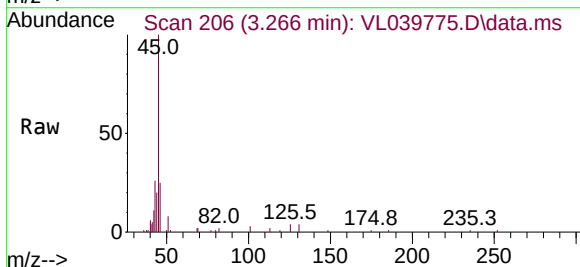
Instrument :
MSVOA_L
ClientSampleId :
CDL

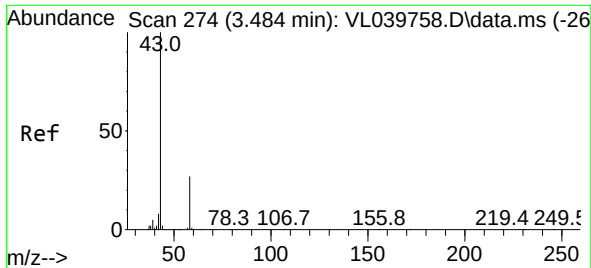
Tgt Ion: 49 Resp: 978907
Ion Ratio Lower Upper
49 100
128 48.9 24.6 74.0
130 62.4 31.8 95.3



#13
Ethanol
Concen: 13.317 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.007 min
Lab File: VL039775.D
Acq: 25 Oct 2022 2:49

Tgt Ion: 45 Resp: 48322
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#

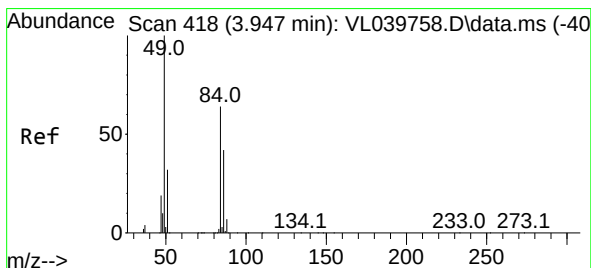
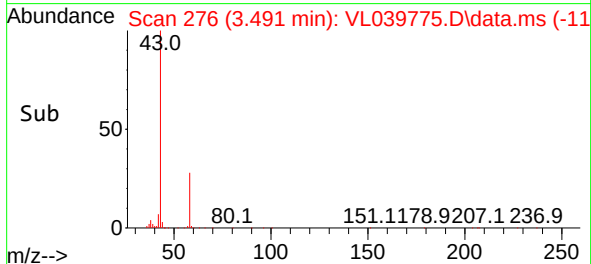
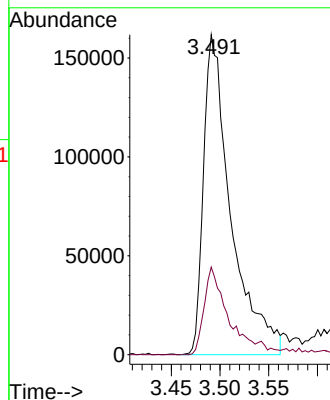
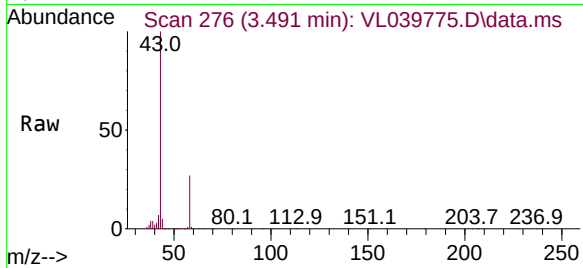




#15
Acetone
Concen: 2.707 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039775.D
Acq: 25 Oct 2022 2:49

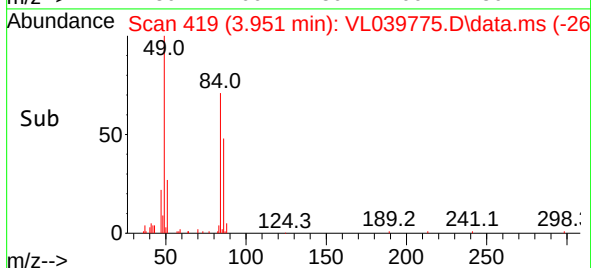
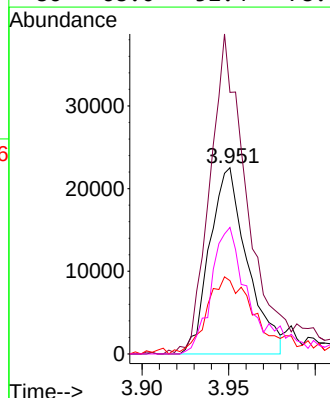
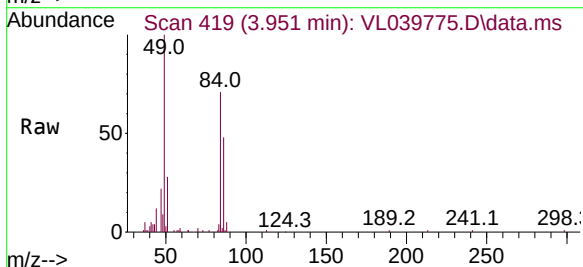
Instrument :
MSVOA_L
ClientSampleId :
CDL

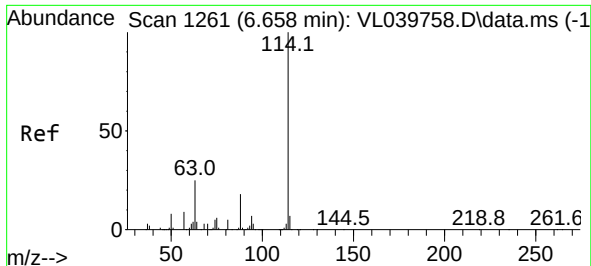
Tgt Ion: 43 Resp: 316470
Ion Ratio Lower Upper
43 100
58 28.6 20.7 31.1



#20
Methylene Chloride
Concen: 0.766 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039775.D
Acq: 25 Oct 2022 2:49

Tgt Ion: 84 Resp: 34096
Ion Ratio Lower Upper
84 100
49 136.4 126.0 189.0
51 38.0 40.9 61.3#
86 68.0 52.4 78.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039775.D

Acq: 25 Oct 2022 2:49

Instrument :

MSVOA_L

ClientSampleId :

CDL

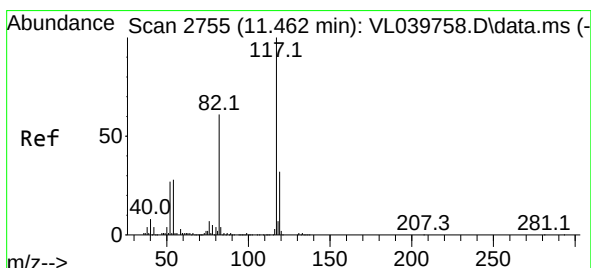
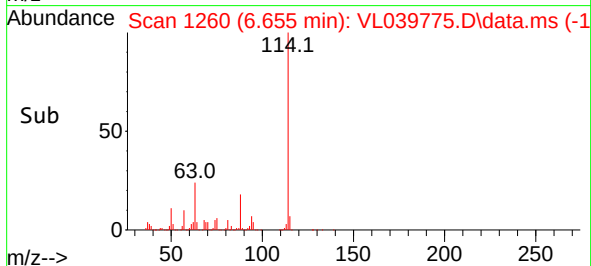
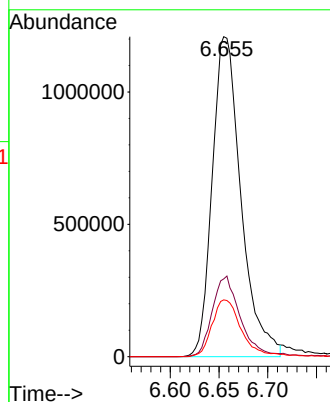
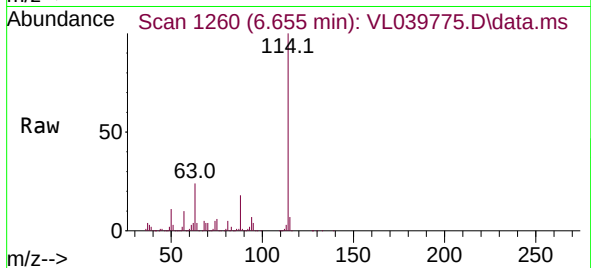
Tgt Ion:114 Resp: 2479751

Ion Ratio Lower Upper

114 100

63 25.3 20.1 30.1

88 18.6 14.5 21.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.000 min

Lab File: VL039775.D

Acq: 25 Oct 2022 2:49

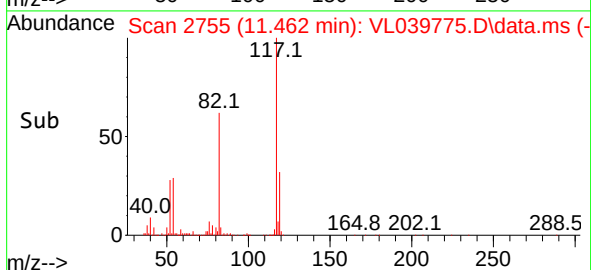
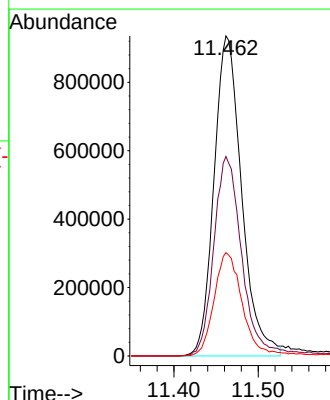
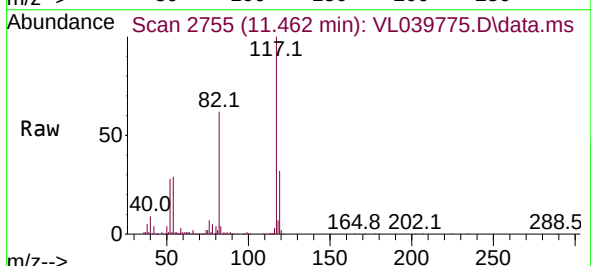
Tgt Ion:117 Resp: 2130573

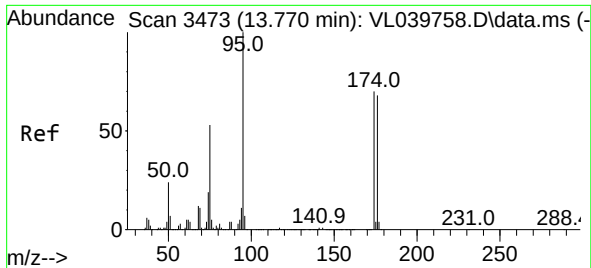
Ion Ratio Lower Upper

117 100

82 65.1 49.9 74.9

119 33.2 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.039 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039775.D
 Acq: 25 Oct 2022 2:49

Instrument :
 MSVOA_L
 ClientSampleId :
 CDL

Tgt Ion: 95 Resp: 1521495
 Ion Ratio Lower Upper
 95 100
 174 74.4 57.3 85.9
 175 5.5 4.2 6.2

